

Title (en)
ELECTRODE ASSEMBLY, BATTERY CELL, BATTERY, AND ELECTRICAL APPARATUS

Title (de)
ELEKTRODENANORDNUNG, BATTERIEZELLE, BATTERIE UND ELEKTRISCHE VORRICHTUNG

Title (fr)
ENSEMBLE D'ÉLECTRODES, ÉLÉMENT DE BATTERIE, BATTERIE ET APPAREIL ÉLECTRIQUE

Publication
EP 4047708 A4 20230621 (EN)

Application
EP 20955063 A 20201224

Priority
• CN 202022087154 U 20200922
• CN 2020139149 W 20201224

Abstract (en)
[origin: EP4047708A1] The present application discloses an electrode assembly, a battery cell, a battery and an electricity-consuming device. The embodiments of the present application discloses an electrode assembly including: a first electrode sheet including an insulating substrate, an electricity-conducting layer arranged on a surface of the insulating substrate, and an active material layer coating on a surface of the electricity-conducting layer, in which the first electrode sheet is bent to form a multi-layer structure and includes a plurality of bending segments and a plurality of first layer-stacking segments arranged to be stacked, each of the bending segments is configured to connect two adjacent first layer-stacking segments, and each of the bending segments includes a guiding portion for guiding the bending segment to be bent during production; a second electrode sheet, in which a polarity of the second electrode sheet is opposite to a polarity of the first electrode sheet, and the second electrode sheet includes a plurality of second layer-stacking segments, the plurality of second layer-stacking segments and the plurality of first layer-stacking segments are alternately arranged in a layer-stacking direction of the first layer-stacking segments.

IPC 8 full level
H01M 4/13 (2010.01)

CPC (source: EP KR US)
H01M 4/02 (2013.01 - EP); **H01M 4/04** (2013.01 - EP); **H01M 4/13** (2013.01 - EP); **H01M 4/70** (2013.01 - EP); **H01M 10/04** (2013.01 - EP); **H01M 10/0431** (2013.01 - EP); **H01M 10/0436** (2013.01 - EP); **H01M 10/052** (2013.01 - EP KR); **H01M 10/058** (2013.01 - EP); **H01M 10/0583** (2013.01 - EP KR US); **H01M 10/0585** (2013.01 - EP); **H01M 50/531** (2021.01 - EP); **H01M 50/533** (2021.01 - EP); **H01M 2004/025** (2013.01 - EP); **H01M 2220/20** (2013.01 - EP KR US); **H01M 2220/30** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4047708 A1 20220824; **EP 4047708 A4 20230621**; CN 114586216 A 20220603; CN 213340434 U 20210601; JP 2023511400 A 20230317; JP 7427099 B2 20240202; KR 20220116010 A 20220819; US 2022344718 A1 20221027; WO 2022062221 A1 20220331

DOCDB simple family (application)
EP 20955063 A 20201224; CN 2020139149 W 20201224; CN 202022087154 U 20200922; CN 202080071711 A 20201224; JP 2022544632 A 20201224; KR 20227024391 A 20201224; US 202217857426 A 20220705